

# Hardware: Linux in Cars, TQ Systems and Intel DRM

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If you are planning on attending, stop by our booth to get a firsthand look at our platform building expertise and see how we use continuous integration and automated testing to increase productivity and quality control. We will also be discussing Apertis, the GNU/Linux-based platform built to deliver a white label, app-centric, end-to-end automotive IVI solution.

- [New TQ modules include Whiskey Lake-U and LS1028A models](#) [3]

TQ Systems unveiled three compute modules: an 8th Gen Whiskey Lake-U based COM Express Compact, a COM based on a 64-bit NXP LS1028A, and a module with a PowerPC-based T1022.

- [Refresh Done Right? Intel Comet Lake Packs Up to 10 Cores](#) [4]

The latest updates to Intel's Linux DRM kernel driver and coreboot (previously known as LinuxBIOS) reveal some pretty interesting information about Intel's upcoming Comet Lake (CML) processors.

Comet Lake is pegged as the successor to Intel's Coffee Lake and Whiskey Lake processor architectures. The description in the update to the Linux DRM kernel driver claims "Comet Lake comes off of Coffee Lake". Hence, it's safe to assume that Comet Lake is yet another refresh in Intel's practice of rearming the Skylake architecture and that Intel will fab Comet Lake chips on the already saturated 14nm manufacturing process. The driver update also says

Comet Lake parts will continue to use the existing Gen9 (Generation 9) graphics processor, which debuted with Skylake. There are mentions of both GT1 and GT2 (GT standing for Graphics Technology) configurations.

## Hardware

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- [3] <http://linuxgizmos.com/new-tq-modules-include-whiskey-lake-u-and-ls1028a-models/>
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